

SIO Shipyard Representative Bi-Weekly Progress Report		
Project: AGOR 28	Contract No.: N00014-12-C-0305	Shipyard: Dakota Creek Industries
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1. Meetings:

- i. Participated in weekly conference calls.
- ii. Participated in conference call with Markey, Systems Interface and Allied.

2. The following Shipyard Question Submittals were reviewed and commented on:

No questions this reporting period.

3. Logistics:

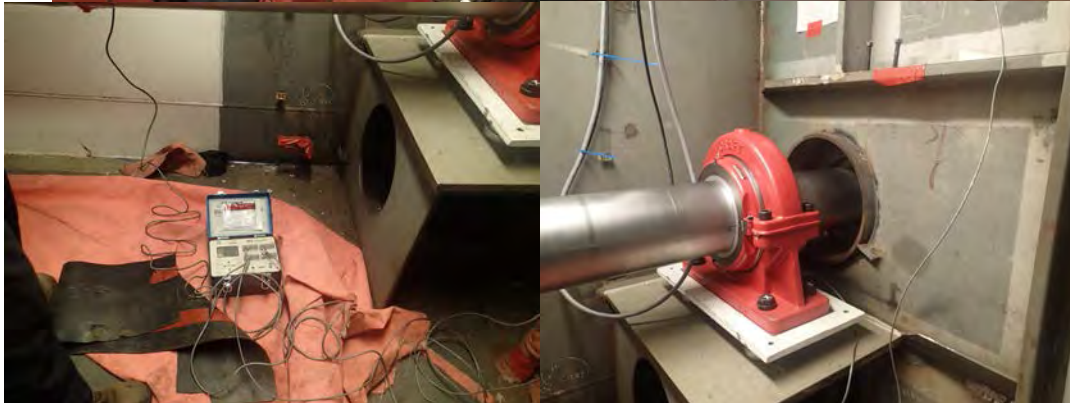
- i. Continuing to review Vendor Recommended Spares (VRS).
- ii. Continuing to review Technical Manuals and Supplemental Information.
- iii. Continuing to work on initial outfitting lists for Sally Ride.
- iv. Working on NS5 Hierarchy

4. Operator Concerns:

- SSHD Controls – Drawings and manual indicate that operators will not have control of the SSHD from the Aft Control Station. Scott deMirs of Systems Interface informs that operators will be able to switch between handling systems at the local control station. This will require the operator to leave the Aft Control station to make the switch at the local winch control located fwd of both winches. This is not an issue as the operator will need to make a visual inspection of the winch and handling device prior to operating. In addition, both winches can be operated at the same time so that one can be set up while the other is deployed.
- Sally Ride Portable Crane FAT Delay – The FAT for this crane has been put on hold. No specific reason was given for delay. DCI has asked Allied for an update on when the FAT will occur.
- Sally Ride Pilot House & MCS Consoles – I asked DCI about this yesterday and was informed that the consoles have just been shipped and should be at DCI shortly.
- Main Deck Vent Closures – Waiting to see how this is resolved by DCI & GPA.
- Load Shedding – SSV conference call is being scheduled by DCI for the first week of January discuss load shedding issues and options.

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- Intermediate Shaft Bearings - LAMALO was on site to check the shaft loading on both vessels. For Ride, the starboard shaft was checked and found to be good. The port shaft was found to have a slightly elevated side loading after the initial check. The PCU was moved about 10/1000 to reduce this. As second check was made with shaft loading found to be good. For the test 6- each strain gauges were spot welded to the shaft; three between the stern tube seal and the PCU, and three between the PCU and propulsion motor coupling. DCI will be doing no load testing on Neil Armstrong next Monday and Tuesday, as the manufacture has a recommended run in period.



- Tuff-Mass MLV and Acoustic Tiles - Awaiting resolution of smoke and flammability issues. Acoustic Tiles have recently been laid in the Traction Winch Room on Armstrong despite ongoing reg body issues. These tiles are going to make housekeeping in this space difficult, but not impossible. On 16 December, DCI was notified by OCMI that further installation of MLV on Sally Ride is prohibited. 30% of the MLV has been installed on Ride at this time.

Mass Loaded Vinyl in Eng Space Overhead – Sally Ride

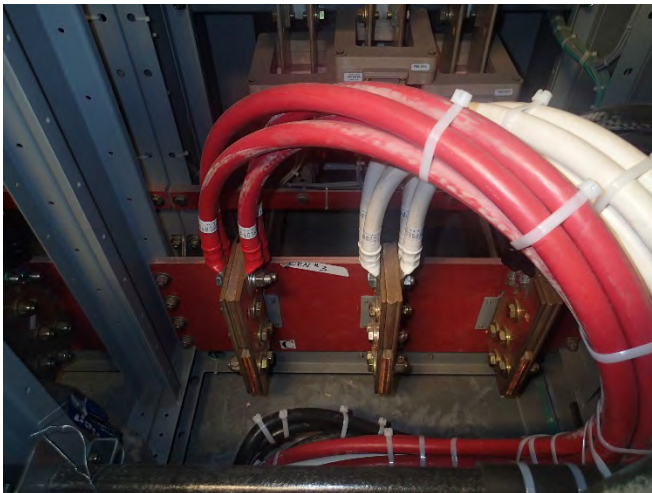


- Side & CTD Handling Systems – Unresolved issues with fairlead interferences from TK70-70 main crane remain. No changes since last reported. DCI is using Sally Ride's aft fairlead foundation to test various new locations on Armstrong. Ride's foundation was not permanently fixed so this is acceptable. The foundation was moved laterally to a position just inboard of the crane's boom and raised approximately 8-inches. This will allow the wire from the aft winch to pass aft of the crane's snout. It also appears that the forward winch will also be able to utilize this change in configuration. No permanent changes should be made until both winches and handling devices are operational. For the fwd winch and CTD handling device, issues still remain in regards to possible interference with the crane's winch and crutch. These can best be verified once the winches and handling systems are operational.



5. Sally Ride Progress:

- TK70-70 Main Crane – The welding of the crane's foundation to the deck has been completed. No other work to be done until the final arrangement has been determined on Armstrong.
- Sally Ride Electrical – Connection between the 690-volt bus to each generator have been made. Resistance reading were taken and witnessed for each individual lead to ground and between phases. No faults were found. The same was done for the Emergency Generator.



Electricians are making connection to the 480-volt bus from the two 1500-kva ship's service transformers. Cable for multiple systems has been placed in cable ways and coiled, ready for termination.



- Accommodation Spaces – The fitting of panels on the 01 Deck has continued. Work continues on ventilation, wiring and plumbing on both 01 and Foc'sle. Little work is being done in the Galley and Mess areas at this time. Galley equipment has yet to be landed.
- Piping Systems – The fire main was hydro-tested and witnessed by USCG & ABS. No reportable discrepancies were noted. The potable water system was hydro-tested from the Pilot House to the Foc'sle Deck.
- Pilot House - The yard has started installing paneling. The water supply to the window wipers was hydro tested. The consoles are in route to DCI from Mackay.

6. Call-outs:

The following piping systems were tested with ABS and USCG witnessing the fire main testing only. No issues to report.

521-001-2 Hydrostatic pressure testing of the firemain.

532-001-2 Hydrostatic pressure testing of the potable water system (01 deck)

625-002-2 Hydrostatic and unobstructed flow of the window washing system

The starting air system will be pressure tested on 23 December at 1630.

7. The following DRL's were reviewed and commented on:

1st App Hull No	DRL No	Document Title	Occur No/Rev No
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720615-01 NR Wilson & Cousins HF100)(R/ASR)	1324/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 720895-01 NR BELIMO S2A-F Aux Switch Unit)(R/ASR)	1326/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 730715-01 NR NIBCO T-585-70-66-W3 3-Way Ball Valve)(R/ASR)	1328/0
AGOR27	A051	STD Report - VENDOR RECOMMENDED SPARES (VRS) LISTINGS, STATISTICS, AND LOCATIONS (PL 730719-01 NR FNW 321A Ball Valve)(R/ASR)	1330/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#378 DI-055 (TM) for 512c Ruffneck Electric Forced Air Heater)(R/ASR)	751/1
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#537 DI-055 (TM) for 521 Wilson & Cousins HF100 Brass Leader Line)(R/ASR)	1071/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#538 DI-055 (TM) for 512 BELIMO S2A-F Auxiliary Switch Unit)(R/ASR)	1073/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#539 DI-055 (TM) for 505 NIBCO Figure T-585-70-66-W3 3-Way Bronze Ball Valve)(R/ASR)	1075/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#540 DI-055 (TM) for 505 FNW Figure 321A Carbon Steel Ball Valve)(R/ASR)	1077/0
AGOR27	A024	STD Report - REGULATORY BODY CORRESPONDENCE (DCI/USCG: Decidamp Tile & Barium Loaded Sulfate)(R/ASR)	151/1
AGOR27	A031-03	STD Report - TEST PROCEDURES (625-002-3 Window Wipers, Washers & Heaters Operational Test Rev-) (R/ASR)	193/0
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#457 DI-055 (TM) for 573b Allied Systems TK70-70 Main Crane)(DARC REV)	916/1
AGOR27	A055	TM Report - COMMERCIAL TECHNICAL MANUALS AND SUPPLEMENTAL DATA (#542 for 561 Beijer Electronics iX Panel T7A Rudder Angle Indicator)(R/ASR)	1079/0

